### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspin.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

2500

09/16/2003

Dennis Braswell 105 Soost Court Mobile, AL 36608 EXAMINER

BUSHEY, CHARLES S

ART UNIT

CLASS-SUBCLASS

1724

261-127000

DATE MAILED: 09/16/2003

APPLICATION NO. FILING DATE		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. CONFIRMATION N	
	10/045 220	10/26/2001	Robert S. Bosko	0006-0028	9918

TITLE OF INVENTION: HOLLOW FIBER CARBONATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	12/16/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where

appropriate. All further cor indicated unless corrected maintenance fee notification	respondence including the below or directed otherwise	Patent, advance ore in Block 1, by (a)	ders and notif ) specifying a	ication of maintenance feed new correspondence addre	s will be mailed to the current ss; and/or (b) indicating a sep	correspondence address as arate "FEE ADDRESS" for		
CURRENT CORRESPONDENCE		Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.  Certificate of Mailing or Transmission						
105 Soost Court Mobile, AL 36608				I hereby certify that States Postal Servic addressed to the M	Certificate of Mailing or Transmission  I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile			
						(Depositor's name)		
		onderice including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as or or directed otherwise in Block I. by (a) specifying a new correspondence address; and/or (b) indicating a separate "EE ADDRESS" for DRESS (Note: Legably mark-up with any corrections or use Block I)  OP16-2003  Note: A certificate of mailing can only be tased for any other accompanying the second or the certificate cannot be used for any other accompanying the second of the second of the second or the second of the second or the se						
						(Date)		
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10/045,239	10/26/2001		Robert S.	. Bosko	0006-0028	9918		
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nonprovisional	NO	\$1300	)	\$300	\$1600	12/16/2003		
EXAM	MINER	ART UN	it I	CLASS-SUBCLASS				
BUSHEY, O	CHARLES S	1724	1	261-127000				
Address form PTO/SB/1  "Fee Address" indicati PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless been previously submitte (A) NAME OF ASSIGN	22) attached. ion (or "Fee Address" Indica or more recent) attached. Us  D RESIDENCE DATA TO E an assignee is identified be d to the USPTO or is being: EE	tion form e of a Customer  BE PRINTED ON The state of a Customer  BE PRINTED ON The state of the	agents OR firm (havir agent) and attorneys c will be prir THE PATENT at a will appea parate cover. (c) RESIDENC:	, alternatively, (2) the naming as a member a registere the names of up to 2 registere the names. If no name is listed.  (print or type)  r on the patent. Inclusion of Completion of this form is NE: (CITY and STATE OR Content);  The patent of the patent of this form is NE: (CITY and STATE OR Content);	e of a single d attorney or 2 istered patent ted, no name 3  f assignce data is only appropri OT a substitute for filing an assignment of the private g	ate when an assignment ha		
☐ Publication Fee				• •				
☐ Advance Order - # of	Copies		The Direct	tor is hereby authorized by	charge the required fee(s), or	credit any overpayment, to		
Director for Patents is reque	sted to apply the Issue Fee a	nd Publication Fee						
(Authorized Signature)		(Date)						
NOTE: The Issue Fee an other than the applicant: interest as shown by the re	d Publication Fee (if requir a registered attorney or ag cords of the United States Pa	red) will not be accept; or the assigned atent and Trademark	cepted from a se or other pa k Office.	nyone uty in				
obtain or retain a benefit application. Confidentiality estimated to take 12 minu completed application for case. Any comments on suggestions for reducing the Patent and Trademark 22313-1450. DO NOT SEND TO: Commissioner	tion is required by 37 CFR by the public which is to f by is governed by 35 U.S.C. I tes to complete, including gm to the USPTO. Time with amount of time you this burden, should be sent Office, U.S. Department SEND FRES OR COMPLE for Patents, Alexandria, Viriduction Act of 1995, no guidess it displays a valid OM.	ile (and by the US 122 and 37 CFR 1.1 athering, preparing ill vary depending require to complet to the Chief Information of Commerce, A GTED FORMS TO ginia 22313-1450.	PTO to proce 4. This collect, and submitting upon the indite this form mation Officer clexandria, Vid. THIS ADDITIONAL THIS AD	iss) an tion is no the vidual and/or ; U.S. irrginia RESS.				
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10/045,239	10/26/2001	Robert S. Bosko	0006-0028	9918
7590 09/16/2003			EXAM	INER
Dennis Braswell			BUSHEY, C	CHARLES S
105 Soost Court Mobile, AL 36608			ART UNIT	PAPER NUMBER
,			1724	
			DATE MAILED: 09/16/2003	

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,239	10/26/2001	Robert S. Bosko	0006-0028	9918
75:	90 09/16/2003		EXAM	INER
Dennis Braswell			BUSHEY, C	HARLES S
105 Soost Court Mobile, AL 36608			ART UNIT	PAPER NUMBER
			1724	
			DATE MAILED: 09/16/2003	

### Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

(c) Issue fee for issuing a plant patent:

By other than a small entity......\$640.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.